

Historic, Archive Document

Do not assume content reflects current
scientific knowledge, policies, or practices.

TRADE IN GRAIN FUTURES

Vol. 14

December 1947

No. 6

U. S. DEPARTMENT OF AGRICULTURE

WASHINGTON, D. C.

**ISSUED MONTHLY
BY**

**COMMODITY
EXCHANGE
AUTHORITY**

CONTENTS

WHEAT:

Table	1.	Volume of trading, all futures combined, by markets
Table	2.	Volume of trading, Chicago Board of Trade
Table	3.	Open contracts, all futures combined, by markets
Table	4.	Open contracts, Chicago Board of Trade
Table	5.	Daily closing prices at Chicago, Minneapolis, and Kansas City
Table	6.	High, low, and closing prices, three principal futures, Chicago Board of Trade

CORN:

Table	7.	Volume of trading, all futures combined, by markets
Table	8.	Volume of trading, Chicago Board of Trade
Table	9.	Open contracts, all futures combined, by markets
Table	10.	Open contracts, Chicago Board of Trade
Table	11.	Daily closing prices at Chicago and Kansas City
Table	12.	High, low, and closing prices, three principal futures, Chicago Board of Trade

OATS:

Table	13.	Volume of trading, all futures combined, by markets
Table	14.	Volume of trading, Chicago Board of Trade
Table	15.	Open contracts, all futures combined, by markets
Table	16.	Open contracts, Chicago Board of Trade
Table	17.	Daily closing prices, Chicago, Minneapolis, and Winnipeg, and rate of exchange, Canadian Currency
Table	18.	High, low and closing prices, three principal futures, Chicago Board of Trade

Continued

CONTENTS - Continued

BARLEY:

- Table 19. Volume of trading and open contracts, all futures combined, and daily closing prices of December future, Chicago Board of Trade

SOYBEANS:

- Table 20. Volume of trading, Chicago Board of Trade
- Table 21. Open contracts, Chicago Board of Trade
- Table 22. High, low and closing prices, Chicago Board of Trade

ALL GRAINS:

- Table 23. Volume of trading on all contract markets
- Table 24. Open contracts on all contract markets, close of last trading day
- Table 25. 1947 NOVEMBER FUTURE: Deliveries of grain on all contract markets

- - - - -

Key: a - asked price
b - bid price
n - nominal quotation

The open contract figures shown in this publication are the aggregates of positions long (or short) carried on the books of clearing members.

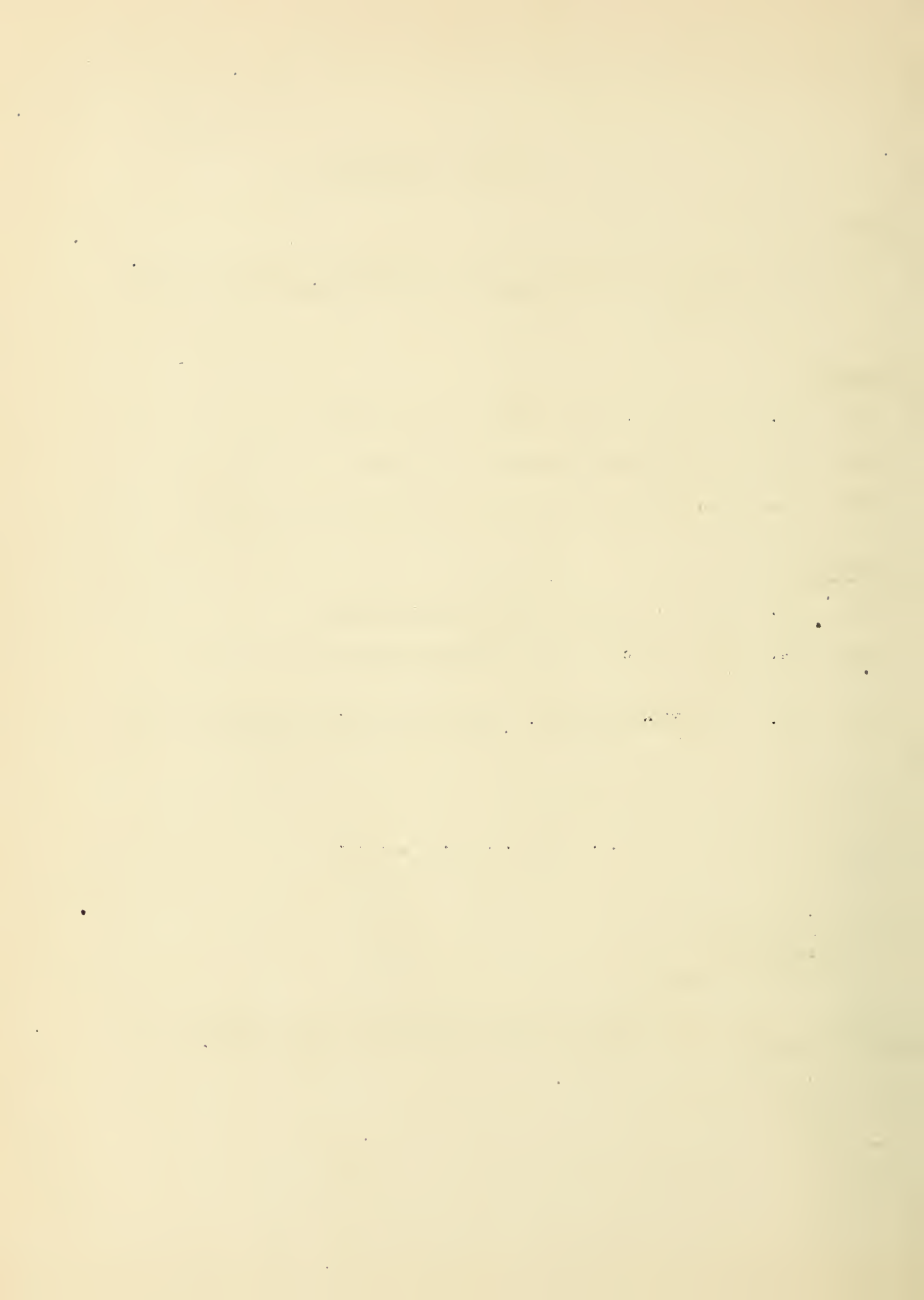


Table 1. WHEAT: Volume of trading, all futures combined, by markets
December 1947

Date	Chicago Board of Trade	Minneapolis Grain Exchange	Kansas City Board of Trade	Other contract markets	Total
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1947					
December					
1	12,166	1,100	2,034	466	15,766
2	16,747	2,052	2,649	649	22,097
3	14,603	1,449	2,365	824	19,261
4	13,628	1,023	2,118	576	17,345
5	17,602	1,519	3,674	755	23,550
6	12,075	1,162	1,834	517	15,588
Sunday					
8	13,023	1,480	3,531	787	18,821
9	14,473	1,490	3,029	637	19,629
10	12,871	1,519	2,153	616	17,159
11	14,663	1,305	4,222	830	21,020
12	11,070	858	1,490	635	14,053
13	8,331	546	1,450	434	10,761
Sunday					
15	13,764	1,003	2,305	552	17,624
16	11,895	1,210	1,639	667	15,411
17	16,395	763	4,801	566	22,525
18	12,572	885	1,711	546	15,714
19	12,376	932	2,680	663	16,651
20	9,700	973	1,943	434	13,050
Sunday					
22	15,384	2,084	3,677	603	21,748
23	8,338	1,020	1,763	510	11,631
24	9,034	536	1,598	320	11,488
Holiday					
26	9,507	579	1,204	614	11,904
27	9,896	449	1,344	436	12,125
Sunday					
29	7,344	713	1,203	421	9,681
30	10,807	934	1,863	515	14,119
31	11,942	873	2,004	431	15,250
Total					
December 1947	320,206	28,457	60,304	15,004	423,971
November 1947	278,228	29,520	52,048	13,405	373,201
December 1946	76,064	6,057	22,387	1,752	106,260

Table 2. WHEAT: Volume of trading, Chicago Board of Trade
December 1947

Date	Future						All futures
	December	March	May	July	September	December	
	1947	1947	1947	1947	1947	1948	
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1	2,651	125	6,569	2,387	434		12,166
2	3,557	95	8,455	3,829	811		16,747
3	2,400	10	7,226	4,175	792		14,603
4	2,925	26	6,656	3,534	487		13,628
5	2,598	23	9,663	4,382	936		17,602
6	1,272	15	8,030	2,481	277		12,075
Sunday							
8	1,615	56	7,513	3,333	506		13,023
9	1,863	35	8,916	3,263	396		14,473
10	2,159	10	7,599	2,791	312		12,871
11	1,439	---	9,694	3,054	476		14,663
12	1,117	55	6,399	2,739	760		11,070
13	1,192	---	4,994	1,904	241		8,331
Sunday							
15	1,386	---	7,804	3,272	1,302		13,764
16	1,561	10	7,061	2,606	657		11,895
17	1,392	35	9,630	4,291	1,047		16,395
18	1,396	132	5,287	4,195	1,562		12,572
19	1,443	85	6,940	5,162	746		12,376
20	2,105	10	5,037	2,159	389		9,700
Sunday							
22	3,890	30	8,263	2,688	513		15,384
23	---	50	5,801	1,725	762		8,338
24	---	70	6,365	1,922	677		9,034
Holiday							
26	---	90	5,929	2,922	544	22	9,507
27	---	56	5,512	3,440	847	41	9,896
Sunday							
29	---	---	5,076	1,599	535	134	7,344
30	---	50	7,110	2,650	769	228	10,807
31	---	125	6,724	3,815	1,203	75	11,942
Total							
December 1947	37,961	1,193	184,253	78,318	17,981	500	320,206
November 1947	66,227	1,101	134,334	68,854	7,712	---	278,228
December 1946	---	15,613	44,000	11,501	---	---	1/76,064

1/Includes 4,950 January future.

Date		Description		Amount	
Month	Day	Particulars	Debit	Credit	Balance
Jan	1	Balance forward			100.00
Jan	2	By Cash	50.00		150.00
Jan	3	To Cash		20.00	130.00
Jan	4	By Cash	30.00		160.00
Jan	5	To Cash		10.00	150.00
Jan	6	By Cash	40.00		190.00
Jan	7	To Cash		5.00	185.00
Jan	8	By Cash	25.00		210.00
Jan	9	To Cash		15.00	195.00
Jan	10	By Cash	35.00		230.00
Jan	11	To Cash		25.00	205.00
Jan	12	By Cash	45.00		250.00
Jan	13	To Cash		35.00	215.00
Jan	14	By Cash	55.00		270.00
Jan	15	To Cash		45.00	225.00
Jan	16	By Cash	65.00		290.00
Jan	17	To Cash		55.00	235.00
Jan	18	By Cash	75.00		310.00
Jan	19	To Cash		65.00	245.00
Jan	20	By Cash	85.00		330.00
Jan	21	To Cash		75.00	255.00
Jan	22	By Cash	95.00		350.00
Jan	23	To Cash		85.00	265.00
Jan	24	By Cash	105.00		370.00
Jan	25	To Cash		95.00	275.00
Jan	26	By Cash	115.00		390.00
Jan	27	To Cash		105.00	285.00
Jan	28	By Cash	125.00		410.00
Jan	29	To Cash		115.00	295.00
Jan	30	By Cash	135.00		430.00
Jan	31	To Cash		125.00	305.00
Feb	1	By Cash	145.00		450.00
Feb	2	To Cash		135.00	315.00
Feb	3	By Cash	155.00		470.00
Feb	4	To Cash		145.00	325.00
Feb	5	By Cash	165.00		490.00
Feb	6	To Cash		155.00	335.00
Feb	7	By Cash	175.00		510.00
Feb	8	To Cash		165.00	345.00
Feb	9	By Cash	185.00		530.00
Feb	10	To Cash		175.00	355.00
Feb	11	By Cash	195.00		550.00
Feb	12	To Cash		185.00	365.00
Feb	13	By Cash	205.00		570.00
Feb	14	To Cash		195.00	375.00
Feb	15	By Cash	215.00		590.00
Feb	16	To Cash		205.00	385.00
Feb	17	By Cash	225.00		610.00
Feb	18	To Cash		215.00	395.00
Feb	19	By Cash	235.00		630.00
Feb	20	To Cash		225.00	405.00
Feb	21	By Cash	245.00		650.00
Feb	22	To Cash		235.00	415.00
Feb	23	By Cash	255.00		670.00
Feb	24	To Cash		245.00	425.00
Feb	25	By Cash	265.00		690.00
Feb	26	To Cash		255.00	435.00
Feb	27	By Cash	275.00		710.00
Feb	28	To Cash		265.00	445.00
Feb	29	By Cash	285.00		730.00
Feb	30	To Cash		275.00	455.00
Feb	31	By Cash	295.00		750.00

Total Debit 10000.00
 Total Credit 10000.00
 Balance 750.00

Table 3. WHEAT: Open contracts, all futures combined, by markets
December 1947

Date	Chicago Board of Trade	Minneapolis Grain Exchange	Kansas City Board of Trade	Other contract markets	Total
1947	1,000	1,000	1,000	1,000	1,000
December	bushels	bushels	bushels	bushels	bushels
1	88,594	10,054	20,258	1,400	120,306
2	88,202	9,607	19,615	1,425	118,849
3	87,826	9,333	19,530	1,377	118,066
4	87,295	9,182	19,427	1,435	117,339
5	87,221	9,279	18,859	1,438	116,797
6	86,271	9,211	18,696	1,392	115,570
Sunday					
8	85,871	9,063	19,010	1,310	115,254
9	85,160	8,857	19,339	1,296	114,652
10	84,166	8,613	19,349	1,304	113,432
11	84,065	8,473	19,056	1,209	112,803
12	84,256	8,342	19,142	1,085	112,825
13	83,982	8,400	19,121	1,100	112,603
Sunday					
15	84,404	8,279	19,569	1,110	113,362
16	84,207	8,249	19,448	1,133	113,037
17	82,136	8,176	18,228	1,131	109,671
18	81,507	8,021	18,144	1,112	108,784
19	80,431	8,001	17,983	1,075	107,490
20	79,687	8,055	17,938	1,057	106,737
Sunday					
22	77,839	7,701	17,310	1,051	103,901
23	77,667	7,716	17,735	1,055	104,173
24	78,479	7,651	17,724	1,098	104,952
Holiday					
26	77,961	7,601	17,028	1,080	103,670
27	77,501	7,537	16,334	1,037	102,409
Sunday					
29	76,846	7,526	16,169	1,036	101,577
30	76,063	7,455	15,606	968	100,092
31	75,077	7,253	15,656	947	98,933

Table 4. WHEAT: Open contracts, Chicago Board of Trade
December 1947

Date	Future						All futures
	December	March	May	July	September	December	
	1947	1948	1948	1948	1948	1948	
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1	13,721	1,182	50,708	20,219	2,764		88,594
2	12,928	1,192	50,998	20,068	3,016		88,202
3	12,696	1,187	50,861	19,838	3,244		87,826
4	11,352	1,188	51,274	20,123	3,358		87,295
5	11,023	1,203	50,851	20,657	3,487		87,221
6	10,697	1,203	50,470	20,439	3,462		86,271
Sunday							
8	10,484	1,223	50,368	20,361	3,435		85,871
9	10,063	1,233	50,072	20,363	3,429		85,160
10	9,277	1,238	49,894	20,357	3,400		84,166
11	8,856	1,238	50,201	20,310	3,460		84,065
12	8,632	1,223	50,360	20,307	3,734		84,256
13	8,265	1,223	50,339	20,400	3,755		83,982
Sunday							
15	7,967	1,223	50,261	20,417	4,536		84,404
16	7,631	1,223	50,171	20,592	4,590		84,207
17	6,885	1,228	48,693	20,794	4,536		82,136
18	6,259	1,285	48,433	20,578	4,952		81,507
19	5,430	1,345	48,143	20,320	5,193		80,431
20	4,522	1,330	48,170	20,380	5,285		79,687
Sunday							
22	2,491	1,330	48,302	20,328	5,388		77,839
23	2,394	1,325	48,420	20,097	5,431		77,667
24	2,274	1,340	49,123	20,287	5,455		78,479
Holiday							
26	2,009	1,295	49,241	19,839	5,556	21	77,961
27	1,818	1,295	48,879	19,600	5,847	62	77,501
Sunday							
29	1,568	1,295	48,523	19,438	5,848	174	76,846
30	910	1,290	48,409	19,215	5,935	304	76,063
31	---	1,295	48,441	18,856	6,171	314	75,077

Table 5. WHEAT: Daily closing prices at Chicago, Minneapolis,
and Kansas City
December 1947

1948 May future			
Date	Chicago Board of Trade	Minneapolis Grain Exchange	Kansas City Board of Trade
1947 December	Cents	Cents	Cents
1	301 1/2-02	295 3/8 b	292 1/2-5/8
2	297 1/4-3/4	291 b	288 3/8-5/8
3	299-99 1/2	293 1/4	290 1/8
4	294 3/4-95 1/4	289 5/4 a	285 3/4
5	290 1/2-91	284 1/2 a	281 3/4-82
6	292 3/4-93	286 7/8 b	282-82 3/8
Sunday			
8	295-95 1/2	289 7/8	285 1/4
9	298-98 1/2	292	287 7/8
10	301 1/4-1/2	295 1/4	290 5/8-7/8
11	299 3/4-300 1/4	294 3/8	289 7/8
12	297 3/4-98	292 1/4 a	287 3/4
13	296 3/4-97 1/4	291 3/4	287-87 1/4
Sunday			
15	295 3/4-96	290 7/8 a	285 7/8
16	298-98 1/4	292 1/4 b	287 1/2
17	296 1/2-3/4	291 1/4	286 1/2
18	297 3/4-98	292 5/8 b	287 3/4
19	296 3/4-97	291 1/4 b	286-86 1/8
20	300-300 1/2	295	288 1/2
Sunday			
22	296-96 1/4	291 3/4	286 1/2
23	295 3/4-96	291 1/8	286 7/8-87
24	293 1/2-3/4	289 1/4	284 1/2
Holiday			
26	292 1/4-1/2	288	283 1/4
27	293 1/2-3/4	288 1/2	284 1/2
Sunday			
29	294 1/4-1/2	289 1/2	284 3/4-7/8
30	295 3/4-96	292 1/2	286 1/2
31	295 3/4-96	293	285 1/2

THE HISTORY OF THE UNITED STATES

OF THE

AMERICAN PEOPLE

1776

THE HISTORY OF THE UNITED STATES OF AMERICA, FROM THE FIRST SETTLEMENTS TO THE PRESENT TIME. BY JAMES OSGOOD, ESQ. VOLUME I. NEW-YORK: PUBLISHED BY J. OSGOOD, 151 NASSAU ST. 1856.

THE HISTORY OF THE UNITED STATES OF AMERICA, FROM THE FIRST SETTLEMENTS TO THE PRESENT TIME. BY JAMES OSGOOD, ESQ. VOLUME II. NEW-YORK: PUBLISHED BY J. OSGOOD, 151 NASSAU ST. 1856.

THE HISTORY OF THE UNITED STATES OF AMERICA, FROM THE FIRST SETTLEMENTS TO THE PRESENT TIME. BY JAMES OSGOOD, ESQ. VOLUME III. NEW-YORK: PUBLISHED BY J. OSGOOD, 151 NASSAU ST. 1856.

THE HISTORY OF THE UNITED STATES OF AMERICA, FROM THE FIRST SETTLEMENTS TO THE PRESENT TIME. BY JAMES OSGOOD, ESQ. VOLUME IV. NEW-YORK: PUBLISHED BY J. OSGOOD, 151 NASSAU ST. 1856.

THE HISTORY OF THE UNITED STATES OF AMERICA, FROM THE FIRST SETTLEMENTS TO THE PRESENT TIME. BY JAMES OSGOOD, ESQ. VOLUME V. NEW-YORK: PUBLISHED BY J. OSGOOD, 151 NASSAU ST. 1856.

THE HISTORY OF THE UNITED STATES OF AMERICA, FROM THE FIRST SETTLEMENTS TO THE PRESENT TIME. BY JAMES OSGOOD, ESQ. VOLUME VI. NEW-YORK: PUBLISHED BY J. OSGOOD, 151 NASSAU ST. 1856.

THE HISTORY OF THE UNITED STATES OF AMERICA, FROM THE FIRST SETTLEMENTS TO THE PRESENT TIME. BY JAMES OSGOOD, ESQ. VOLUME VII. NEW-YORK: PUBLISHED BY J. OSGOOD, 151 NASSAU ST. 1856.

THE HISTORY OF THE UNITED STATES OF AMERICA, FROM THE FIRST SETTLEMENTS TO THE PRESENT TIME. BY JAMES OSGOOD, ESQ. VOLUME VIII. NEW-YORK: PUBLISHED BY J. OSGOOD, 151 NASSAU ST. 1856.

THE HISTORY OF THE UNITED STATES OF AMERICA, FROM THE FIRST SETTLEMENTS TO THE PRESENT TIME. BY JAMES OSGOOD, ESQ. VOLUME IX. NEW-YORK: PUBLISHED BY J. OSGOOD, 151 NASSAU ST. 1856.

THE HISTORY OF THE UNITED STATES OF AMERICA, FROM THE FIRST SETTLEMENTS TO THE PRESENT TIME. BY JAMES OSGOOD, ESQ. VOLUME X. NEW-YORK: PUBLISHED BY J. OSGOOD, 151 NASSAU ST. 1856.

Table 6. HEAT: High, low and closing prices, three principal futures, Chicago Board of Trade, December 1947

Date	1948 May future			1948 July future			1948 September future		
	High	Low	Closing	High	Low	Closing	High	Low	Closing
1947	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
December:									
1	303 1/2	300	301 1/2-02	268 1/2	264	267-67 1/4	262	258 1/2	260-60 1/2
2	300 1/2	294 1/4	297 1/4-3/4	266 1/2	260	262 1/2-3/4	260	253 3/4	256 1/4
3	299 1/2	294 1/4	299-99 1/2	265	259	264-64 1/2	257 1/2	252 1/4	257 1/4
4	299	294 3/4	294 3/4-95 1/4	264	260 1/4	260 1/4-1/2	257 1/4	253	253
5	296 5/8	290	290 1/2-91	262 3/4	255	255 1/2-3/4	255 3/4	248	249-49 1/2
6	293 1/4	289	292 3/4-93	258	253 3/4	257 1/4-1/2	250 3/4	247 1/2	250 1/2
Sunday:									
8	295 1/2	289 3/4	295-95 1/2	261	255 1/2	260 3/4-61	253 1/2	248 3/4	253 1/2
9	299	295 1/4	298-98 1/2	264 3/4	259 1/2	263-63 1/4	257 1/4	253	255 1/2
10	301 1/2	298	301 1/4-1/2	266 1/4	262 3/4	266-66 1/4	258 1/4	255 3/4	258 1/4
11	302 1/4	298 3/8	299 3/4-300 1/4	266 3/4	262 3/4	263 3/4-64 1/4	258 3/4	254 3/4	256
12	299 1/2	295 7/8	297 3/4-98	263 1/2	260 3/4	262-62 1/4	255	252 1/4	254-54 1/4
13	297 3/4	295 1/4	296 3/4-97 1/4	263	260 1/4	261 3/4-62	254 3/4	252 1/2	253 1/2
Sunday:									
15	299 1/2	295 3/4	295 3/4-96	264 5/8	261 3/4	261 3/4-62	256 1/4	253 3/4	253 3/4
16	298 1/4	294 1/4	298-98 1/4	264 3/4	260 3/4	264 1/2-3/4	257	252 3/4	256 3/4-57
17	298 1/4	296	296 1/2-3/4	268	263 1/4	263 1/4-1/2	260 3/4	256	258 1/2-3/4
18	299 1/4	297	297 3/4-98	270	266	267 1/4-1/2	261 3/4	259 1/4	260 1/4-1/2
19	297 1/4	295	296 3/4-97	265 3/4	263 1/2	264 3/4-65	258 1/2	256	257 3/4-58 1/4
20	300 1/2	296 1/2	300-300 1/2	269 1/2	264 1/2	268 3/4-69	262 3/4	257 1/2	261 1/4-1/2
Sunday:									
22	301 1/4	296	296-96 1/4	269 1/2	265	265-65 1/4	262	257 3/4	257 3/4-58 1/2
23	298 1/4	295 3/4	295 3/4-96	267	264 1/4	264 1/4-1/2	259 3/4	257 1/2	257 1/2-3/4
24	297 1/4	293	293 1/2-3/4	265 3/4	260 3/4	260 3/4-61	258	253 1/4	253 1/4-1/2
Holiday:									
26	294 1/2	292	292 1/4-1/2	263 7/8	260 1/4	263-63 1/4	256	252 1/4	255 1/4-3/4
27	294	291 1/4	293 1/2-3/4	265 1/2	262 1/4	265 1/4-1/2	258 3/4	255 1/2	258 1/4-1/2
Sunday:									
29	294 1/2	291 3/4	294 1/4-1/2	266	263 1/2	265 3/4-66	259 1/4	256 3/4	259 1/4-1/4
30	296	294	295 3/4-96	268 1/2	265	266-66 1/4	259 1/2	258	259 1/4
31	297	295 1/4	295 3/4-96	268 3/4	265 3/4	267 1/2-3/4	261 1/2	259	260 3/4-61

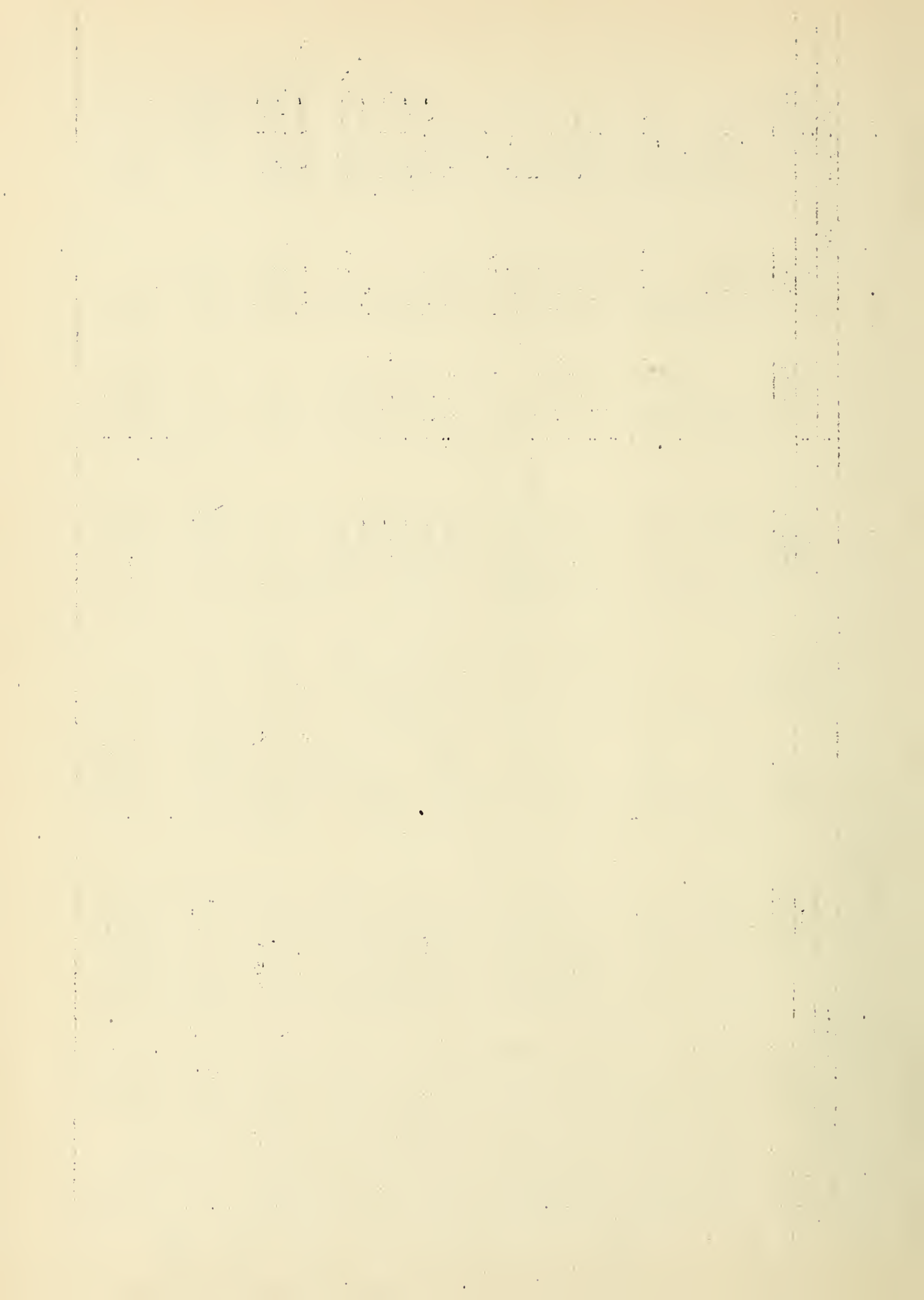


Table 7.. CORN: Volume of trading, all futures combined, by markets
December 1947

Date	Chicago Board of Trade	Kansas City Board of Trade	Other contract markets	Total
1947 December	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1	12,590	5	532	13,127
2	13,595	15	503	14,113
3	12,295	---	522	12,817
4	10,476	24	471	10,971
5	14,546	88	548	15,182
6	9,528	17	320	9,865
Sunday				
8	10,218	34	548	10,800
9	12,662	30	505	13,197
10	16,556	27	439	17,022
11	14,323	34	508	14,865
12	10,077	20	423	10,520
13	6,085	12	229	6,326
Sunday				
15	9,569	2	409	9,980
16	9,780	49	520	10,349
17	10,972	2	471	11,445
18	11,774	---	399	12,173
19	8,443	15	300	8,758
20	8,491	25	432	8,948
Sunday				
22	14,815	30	348	15,193
23	6,845	---	466	7,311
24	6,304	---	337	6,641
Holiday				
26	7,773	3	428	8,204
27	6,057	---	329	6,386
Sunday				
29	10,250	---	452	10,702
30	9,134	---	272	9,406
31	7,366	---	216	7,582
Total				
December 1947	270,524	432	10,927	281,883
November 1947	217,584	667	8,687	226,938
December 1946	173,247	2,535	14,547	190,329

Table 8. CORN: Volume of trading, Chicago Board of Trade
December 1947

Date	Future					All futures
	December	May	July	September	December	
	1947	1947	1947	1947	1948	
December	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1	3,727	6,177	2,202	484		12,590
2	4,119	6,224	2,667	585		13,595
3	3,527	6,072	2,139	557		12,295
4	2,377	5,784	1,869	446		10,476
5	4,125	7,468	2,307	646		14,546
6	2,015	5,683	1,365	465		9,528
Sunday						
8	1,807	5,751	2,103	557		10,218
9	2,375	7,290	2,302	695		12,662
10	5,436	8,089	2,361	670		16,556
11	3,646	7,325	2,401	951		14,323
12	2,101	5,604	1,662	710		10,077
13	771	3,125	1,462	727		6,085
Sunday						
15	2,526	5,147	1,444	652		9,569
16	2,078	5,456	1,781	465		9,780
17	1,663	6,485	2,009	815		10,972
18	1,614	6,922	2,403	835		11,774
19	1,528	5,021	1,453	441		8,443
20	2,773	3,943	1,345	430		8,491
Sunday						
22	4,603	7,344	2,248	620		14,815
23	---	4,665	1,842	338		6,845
24	---	4,134	1,638	532		6,304
Holiday						
26	---	4,857	1,935	710	271	7,773
27	---	4,108	1,075	722	152	6,057
Sunday						
29	---	5,840	2,501	1,506	403	10,250
30	---	5,486	2,254	1,117	277	9,134
31	---	4,463	1,541	1,172	190	7,366
Total						
December 1947	52,611	148,463	50,309	17,848	1,293	270,524
November 1947	83,048	93,732	32,567	8,237	---	217,584
December 1946	---	27,129	9,074	---	---	1/173,247

1/Includes 79,829 January and 57,215 March futuro.

1. The first part of the document is a list of names and addresses of the members of the committee. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

Name	Address
Mr. A. B. C.	123 Main St., New York, N. Y.
Mr. D. E. F.	456 Broadway, New York, N. Y.
Mr. G. H. I.	789 Fifth Ave., New York, N. Y.
Mr. J. K. L.	1010 Third St., New York, N. Y.
Mr. M. N. O.	1111 Second St., New York, N. Y.

2. The second part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of chairman. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

Name	Address
Mr. P. Q. R.	123 Main St., New York, N. Y.
Mr. S. T. U.	456 Broadway, New York, N. Y.
Mr. V. W. X.	789 Fifth Ave., New York, N. Y.
Mr. Y. Z. A.	1010 Third St., New York, N. Y.
Mr. B. C. D.	1111 Second St., New York, N. Y.

3. The third part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of secretary. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

Name	Address
Mr. E. F. G.	123 Main St., New York, N. Y.
Mr. H. I. J.	456 Broadway, New York, N. Y.
Mr. K. L. M.	789 Fifth Ave., New York, N. Y.
Mr. N. O. P.	1010 Third St., New York, N. Y.
Mr. Q. R. S.	1111 Second St., New York, N. Y.

Table 9. CORN: Open contracts, all futures combined, by markets
December 1947

Date	Chicago Board of Trade	Kansas City Board of Trade	Other contract markets	Total
1947 December	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1	56,442	433	651	57,526
2	56,111	433	621	57,165
3	56,197	433	690	57,320
4	55,281	417	653	56,351
5	54,252	386	575	55,213
6	54,025	391	613	55,029
Sunday				
8	53,709	377	664	54,750
9	53,576	347	649	54,572
10	53,734	327	697	54,758
11	53,870	310	673	54,853
12	53,511	295	672	54,478
13	53,639	291	667	54,597
Sunday				
15	53,420	290	581	54,291
16	52,193	254	658	53,105
17	51,618	237	638	52,493
18	50,578	237	605	51,420
19	49,528	227	568	50,323
20	49,181	207	596	49,984
Sunday				
22	48,141	204	564	48,909
23	47,344	205	494	48,043
24	46,782	185	498	47,465
Holiday				
26	47,755	188	520	48,463
27	47,764	133	484	48,381
Sunday				
29	49,262	88	563	49,913
30	49,232	88	582	49,902
31	49,421	73	573	50,067

Table 10. CORN: Open contracts, Chicago Board of Trade
December 1947

		Future					All
Date	December	May	July	September	December	1948	futures
1947	1,000	1,000	1,000	1,000	1,000	1,000	
December	bushels	bushels	bushels	bushels	bushels	bushels	bushels
1	15,098	26,929	12,365	2,050			56,442
2	14,431	27,177	12,376	2,127			56,111
3	13,992	27,460	12,528	2,217			56,197
4	12,968	27,827	12,172	2,314			55,281
5	11,734	27,775	12,287	2,456			54,252
6	11,233	27,623	12,569	2,600			54,025
Sunday							
8	10,847	27,623	12,479	2,760			53,709
9	10,466	27,881	12,266	2,963			53,576
10	9,429	28,547	12,547	3,211			53,734
11	8,646	28,759	12,886	3,579			53,870
12	7,824	29,016	12,864	3,807			53,511
13	7,508	29,076	13,084	3,971			53,639
Sunday							
15	7,306	29,201	12,882	4,031			53,420
16	6,272	29,129	12,678	4,114			52,193
17	5,361	29,538	12,554	4,165			51,618
18	4,610	29,277	12,498	4,193			50,578
19	3,719	29,120	12,498	4,191			49,528
20	2,838	29,486	12,635	4,222			49,181
Sunday							
22	1,222	29,809	12,748	4,362			48,141
23	508	29,430	13,043	4,363			47,344
24	28	29,163	13,096	4,495			46,782
Holiday							
26	3	29,445	13,358	4,716	233		47,755
27	2	29,312	13,324	4,810	316		47,764
Sunday							
29	2	29,836	13,650	5,200	574		49,262
30	---	29,383	13,704	5,404	741		49,232
31	---	29,053	13,802	5,718	848		49,421

Date		Description		Amount		Balance	
Month	Day	Particulars	Debit	Credit	Debit	Credit	Balance
Jan	1	Balance b/d					100.00
Jan	2	To Cash	50.00		50.00		150.00
Jan	3	By Cash		20.00		20.00	130.00
Jan	4	To Cash	30.00		30.00		160.00
Jan	5	By Cash		10.00		10.00	150.00
Jan	6	To Cash	40.00		40.00		190.00
Jan	7	By Cash		30.00		30.00	160.00
Jan	8	To Cash	20.00		20.00		180.00
Jan	9	By Cash		10.00		10.00	170.00
Jan	10	To Cash	10.00		10.00		180.00
Jan	11	By Cash		20.00		20.00	160.00
Jan	12	To Cash	30.00		30.00		190.00
Jan	13	By Cash		10.00		10.00	180.00
Jan	14	To Cash	20.00		20.00		200.00
Jan	15	By Cash		30.00		30.00	170.00
Jan	16	To Cash	10.00		10.00		180.00
Jan	17	By Cash		20.00		20.00	160.00
Jan	18	To Cash	30.00		30.00		190.00
Jan	19	By Cash		10.00		10.00	180.00
Jan	20	To Cash	20.00		20.00		200.00
Jan	21	By Cash		30.00		30.00	170.00
Jan	22	To Cash	10.00		10.00		180.00
Jan	23	By Cash		20.00		20.00	160.00
Jan	24	To Cash	30.00		30.00		190.00
Jan	25	By Cash		10.00		10.00	180.00
Jan	26	To Cash	20.00		20.00		200.00
Jan	27	By Cash		30.00		30.00	170.00
Jan	28	To Cash	10.00		10.00		180.00
Jan	29	By Cash		20.00		20.00	160.00
Jan	30	To Cash	30.00		30.00		190.00
Jan	31	By Cash		10.00		10.00	180.00
Feb	1	To Cash	20.00		20.00		200.00
Feb	2	By Cash		30.00		30.00	170.00
Feb	3	To Cash	10.00		10.00		180.00
Feb	4	By Cash		20.00		20.00	160.00
Feb	5	To Cash	30.00		30.00		190.00
Feb	6	By Cash		10.00		10.00	180.00
Feb	7	To Cash	20.00		20.00		200.00
Feb	8	By Cash		30.00		30.00	170.00
Feb	9	To Cash	10.00		10.00		180.00
Feb	10	By Cash		20.00		20.00	160.00
Feb	11	To Cash	30.00		30.00		190.00
Feb	12	By Cash		10.00		10.00	180.00
Feb	13	To Cash	20.00		20.00		200.00
Feb	14	By Cash		30.00		30.00	170.00
Feb	15	To Cash	10.00		10.00		180.00
Feb	16	By Cash		20.00		20.00	160.00
Feb	17	To Cash	30.00		30.00		190.00
Feb	18	By Cash		10.00		10.00	180.00
Feb	19	To Cash	20.00		20.00		200.00
Feb	20	By Cash		30.00		30.00	170.00
Feb	21	To Cash	10.00		10.00		180.00
Feb	22	By Cash		20.00		20.00	160.00
Feb	23	To Cash	30.00		30.00		190.00
Feb	24	By Cash		10.00		10.00	180.00
Feb	25	To Cash	20.00		20.00		200.00
Feb	26	By Cash		30.00		30.00	170.00
Feb	27	To Cash	10.00		10.00		180.00
Feb	28	By Cash		20.00		20.00	160.00
Feb	29	To Cash	30.00		30.00		190.00
Feb	30	By Cash		10.00		10.00	180.00
Feb	31	To Cash	20.00		20.00		200.00

Table 11. CORN: Daily closing prices at Chicago and Kansas City
December 1947

Date	1948 May future	
	Chicago	Kansas City
	Board of	Board of
	Trade	Trade
1947		
December	Cents	Cents
1	253-53 1/4	253
2	250 3/4-51	249
3	253 1/2-3/4	250
4	254 3/4-55	253 1/4
5	246 7/8-47 1/2	248 1/2
6	246-46 1/4	247
Sunday		
8	249 1/4-1/2	246
9	251 1/2-52	250 1/2
10	255 1/2-3/4	253 1/4
11	252 3/4-53 1/4	252
12	250 1/2-3/4	250
13	251-51 1/4	249 3/4 a
Sunday		
15	251 7/8-52 1/4	251 b
16	253 3/4-54	251 1/2
17	255-55 1/4	252
18	256 5/8-3/4	255 3/4 a
19	256-56 1/4	255 1/4
20	258 3/4-59	258 b
Sunday		
22	255 1/4-1/2	254 1/2
23	253 1/2-54	251 3/4
24	249 3/4-50 1/4	250
Holiday		
26	248 1/4-1/2	246 1/2
27	251	248 b
Sunday		
29	251 1/2-5/8	251 b
30	252-52 1/4	250 3/4 a
31	252 7/8-53	251 b

Table 12. CORN: High, low and closing prices, three principal futures, Chicago Board of Trade, December 1947

Date	1948 May future			1948 July future			1948 September future		
	High	Low	Closing	High	Low	Closing	High	Low	Closing
1947	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
December:									
1	256 3/8	251 1/4	253-53 1/4	245 1/2	241	243-43 1/4	233	229	231 1/4
2	253 1/2	248 1/2	250 3/4-51	243 3/4	238 1/2	240 3/4-41 1/8	231 3/4	227 1/2	229 1/2
3	254 1/2	249 1/4	253 1/2-3/4	244 1/4	239 1/4	243 1/4-1/2	232 1/4	228	231 1/2-3/4
4	255 3/4	253 1/2	254 3/4-55	245 1/4	242 3/4	244 1/2-3/4	233 1/4	231 1/4	232-32 1/4
5	256	246 7/8	245 7/8-47 1/2	245	236 5/8	236 3/4-37 1/4	232	224 1/8	224 1/8-1/2
6	249	245	246-46 1/4	239	235 1/4	236-36 1/4	225 3/4	221 1/2	222 1/2
Sunday:									
8	249 1/2	244 3/4	249 1/4-1/2	238 1/2	234 1/2	238 1/4-1/2	225	221	224 3/4-25
9	253 3/4	249 3/4	251 1/2-52	242 3/4	238 3/4	241 1/2-3/4	228	224	225 3/4-26
10	255 3/4	252 1/2	255 1/2-3/4	245 1/4	242 1/2	245-45 1/4	230	227	230
11	256 1/4	251 1/2	252 3/4-53 1/4	245 1/2	241 1/4	242 1/4	230 3/4	225 3/4	225 3/4-26 1/4
12	253	249 3/4	250 1/2-3/4	242 3/4	239 3/4	240 3/4-41 1/4	226 1/2	223 1/2	223 3/4-24
13	251 1/4	248 1/4	251-51 1/4	241 1/4	238 3/4	240 3/4-41	223 5/8	221	222 3/4-23
Sunday:									
15	254	251 1/4	251 7/8-52 1/4	243 7/8	241 1/4	241 3/4-42	226 1/4	223 1/2	223 3/4-24
16	254 1/4	251 1/2	253 3/4-54	244	241 1/2	243 3/4-7/8	226 1/2	223 5/8	225 3/4-26 1/4
17	256	252 5/8	255-55 1/4	245 3/4	242 1/2	245 3/8-1/2	229 1/4	225 1/2	228 3/4-29
18	258 1/4	255 3/4	256 5/8-3/4	249 1/4	246	247-47 1/4	233 1/4	229 3/4	231-31 1/8
19	256 1/4	253 1/2	256-56 1/4	246 1/2	244 3/4	246-46 1/8	231	229 1/4	231
20	259 3/8	256 1/2	258 3/4-59	249 1/2	246 7/8	249-49 1/4	234	232	233 1/2-7/8
Sunday:									
22	258 3/4	254 3/4	255 1/4-1/2	249 1/2	245 1/4	245 3/4-46	233 7/8	230	230-30 1/2
23	257	253 1/2	253 1/2-54	247 1/4	243 7/8	243 7/8-44 1/4	231 7/8	228 1/2	228 1/2-3/4
24	254	249 3/4	249 3/4-50 1/4	244 1/4	240 1/4	240 1/4-3/4	229	225	225
Holiday:									
26	249 1/2	247	248 1/4-1/2	240 1/4	237 3/4	238 3/8-1/2	224 3/4	222 1/2	222 3/4
27	251	248	251	241 7/8	238 1/4	241 3/4-7/8	226 1/2	222	226 1/2
Sunday:									
29	251 3/4	249 1/8	251 1/2-5/8	242 3/4	240 1/8	242 1/2-5/8	228 1/4	225	228
30	252 1/4	251	252-52 1/4	243 1/4	242	243 1/8-1/4	228 5/8	227 3/8	228 1/2-5/8
31	253	251 3/4	252 7/8-53	243 7/8	242 3/4	243 5/8-3/4	229	228	228 3/4-7/8

Table 13. OATS: Volume of trading, all futures combined, by markets
December 1947

Date	Chicago Board of Trade	Minneapolis Grain Exchange	Other contract markets	Total
1947 December	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1	5,436	660	31	6,127
2	8,897	920	89	9,906
3	7,410	737	91	8,238
4	5,896	1,090	87	7,073
5	10,110	1,335	84	11,529
6	5,600	717	72	6,389
Sunday				
8	4,916	536	98	5,550
9	7,138	749	93	7,980
10	5,576	454	63	6,093
11	7,269	726	66	8,061
12	6,150	553	34	6,737
13	4,428	501	66	4,995
Sunday				
15	5,105	609	60	5,774
16	7,525	712	65	8,302
17	6,444	539	111	7,094
18	6,109	533	99	6,741
19	5,920	461	78	6,459
20	6,065	742	91	6,898
Sunday				
22	7,204	780	73	8,057
23	4,234	263	67	4,564
24	5,169	373	51	5,593
Holiday				
26	3,810	356	90	4,256
27	2,109	226	36	2,371
Sunday				
29	4,132	348	52	4,532
30	4,886	516	109	5,511
31	5,409	319	112	5,840
Total				
December 1947	152,947	15,755	1,968	170,670
November 1947	145,818	19,607	1,768	167,193
December 1946	259,627	20,709	8,450	288,766

Table 14. OATS: Volume of trading, Chicago Board of Trade
December 1947

Date	Future						
	December	March	May	July	September	December	All
						1948	futures
1947	1,000	1,000	1,000	1,000	1,000	1,000	1,000
December	bushels	bushels	bushels	bushels	bushels	bushels	bushels
1	936	---	3,211	1,169	120		5,436
2	1,337	10	3,766	2,529	1,255		8,897
3	1,150	---	3,915	1,904	441		7,410
4	1,295	---	2,869	1,247	485		5,896
5	1,473	---	6,199	1,853	585		10,110
6	1,067	---	3,236	1,007	290		5,600
Sunday							
8	792	---	2,681	1,111	332		4,916
9	1,295	---	3,858	1,479	506		7,138
10	952	---	2,756	1,301	567		5,576
11	1,049	10	4,245	1,409	556		7,269
12	1,680	---	3,260	924	286		6,150
13	1,026	---	2,345	764	293		4,428
Sunday							
15	1,163	---	2,654	996	292		5,105
16	1,416	---	4,822	1,058	229		7,525
17	890	---	4,299	1,033	222		6,444
18	640	---	3,214	1,703	552		6,109
19	1,503	10	3,471	780	156		5,920
20	1,665	7	3,217	919	257		6,065
Sunday							
22	2,067	15	3,810	1,034	278		7,204
23	---	---	2,977	874	383		4,234
24	---	---	3,270	1,439	460		5,169
Holiday							
26	---	---	2,407	1,109	258	36	3,810
27	---	---	1,387	447	207	68	2,109
Sund							
29	---	---	3,104	698	239	91	4,132
30	---	---	3,492	1,005	187	202	4,886
31	---	2	3,686	1,257	415	49	5,409
Total							
December 1947	23,396	54	88,151	31,049	9,851	446	152,947
November 1947	35,888	10	79,392	29,527	1,001	---	145,818
December 1946	46,325	150,721	51,073	10,699	809	---	259,627

[illegible][illegible]

[1. The language of the Bible](#)
[2. The language of the Bible](#)
[3. The language of the Bible](#)
[4. The language of the Bible](#)
[5. The language of the Bible](#)
[6. The language of the Bible](#)
[7. The language of the Bible](#)
[8. The language of the Bible](#)
[9. The language of the Bible](#)
[10. The language of the Bible](#)

Table 15. OATS: Open contracts, all futures combined, by markets,
December 1947

Date	Chicago Board of Trade	Minneapolis Grain Exchange	Other contract markets	Total
1947	1,000	1,000	1,000	1,000
December	bushels	bushels	bushels	bushels
1	43,874	5,657	359	49,890
2	44,949	5,490	364	50,803
3	44,715	5,369	375	50,459
4	44,618	4,958	383	49,959
5	44,443	4,723	372	49,538
6	44,121	4,643	372	49,136
Sunday				
8	44,134	4,547	371	49,052
9	43,671	4,410	391	48,472
10	42,975	4,312	391	47,678
11	42,948	4,241	392	47,581
12	43,210	4,164	374	47,748
13	42,542	4,126	382	47,050
Sunday				
15	41,870	3,915	380	46,165
16	40,337	3,734	387	44,458
17	39,955	3,630	380	43,965
18	39,817	3,555	375	43,747
19	39,127	3,474	386	42,987
20	38,119	3,164	372	41,655
Sunday				
22	36,962	2,955	397	40,334
23	36,782	2,973	402	40,157
24	37,188	3,001	396	40,585
Holiday				
26	37,563	3,036	451	41,050
27	37,527	3,025	447	40,999
Sunday				
29	37,234	3,025	445	40,704
30	36,760	3,077	404	40,241
31	36,096	3,093	393	39,582

Table 16. OATS: Open contracts, Chicago Board of Trade
December 1947

Date	Future						All futures
	December	March	May	July	September	December	
						1948	
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1947 December							
1	7,777	195	24,215	10,976	711		43,874
2	7,800	200	24,693	10,536	1,720		44,949
3	7,609	200	24,616	10,452	1,838		44,715
4	7,301	200	24,508	10,499	2,110		44,618
5	6,820	200	24,527	10,542	2,354		44,443
6	6,536	200	24,483	10,430	2,472		44,121
Sunday							
8	6,397	200	24,449	10,497	2,591		44,134
9	6,142	200	24,012	10,501	2,816		43,671
10	6,059	200	23,534	10,415	2,767		42,975
11	5,958	195	23,613	10,349	2,833		42,948
12	5,826	195	23,927	10,352	2,910		43,210
13	4,756	195	24,208	10,519	2,864		42,542
Sunday							
15	4,317	195	23,975	10,522	2,861		41,870
16	3,406	195	23,377	10,486	2,873		40,337
17	3,159	195	23,160	10,486	2,955		39,955
18	2,961	195	22,846	10,736	3,079		39,817
19	2,584	195	22,500	10,751	3,097		39,127
20	1,865	202	22,270	10,627	3,155		38,119
Sunday							
22	389	202	22,509	10,708	3,174		36,982
23	199	202	22,541	10,702	3,138		36,782
24	10	202	22,772	10,951	3,253		37,188
Holiday							
26	10	202	23,076	10,993	3,263	19	37,563
27	5	202	22,924	10,969	3,349	78	37,527
Sunday							
29	---	202	22,683	10,851	3,340	158	37,234
30	---	202	22,228	10,732	3,309	289	36,760
31	---	202	21,838	10,388	3,351	317	36,096

Table 17. C.TS: Daily closing prices, Chicago, Minneapolis, and Winnipeg,
and rate of exchange, Canadian currency
December 1947

Date	1948 May future			Canadian currency	
	Chicago	Minneapolis	Winnipeg	Closing quotation <u>2/</u>	
1947					
December	Cents	Cents	Cents 1/	Percent	
1	116 3/4-7/8	111 5/8 a	77 7/8	11	Discount
2	115 1/4-3/8	110 1/2	76 3/4	11 1/4	"
3	117 1/8-1/4	111 7/8	76 1/2	12 1/8	"
4	116 1/2-5/8	110 1/2	76 1/2 a	12 1/8	"
5	112 1/4-3/4	108 3/8	76 3/8 a	12	"
6	113 - 13 1/4	108 3/8 b	75 7/8 b	12	"
Sunday					
8	114 1/2-5/8	109 3/4 b	76	11 5/8	"
9	115 3/4-7/8	109 7/8	76	11 9/16	"
10	116 3/4-7/8	111 1/4	75 5/8	12	"
11	115 5/8-7/8	110 3/8	76 7/8	12 1/4	"
12	115-15 1/8	109 7/8 a	76 1/2	12 3/16	"
13	115 1/2-5/8	110 5/8 b	75 3/4	12 1/8	"
Sunday					
15	116-16 1/8	111 1/8 b	75 7/8	12 1/4	"
16	117 3/8-1/2	112 1/2-5/8	76 3/4 a	11 7/8	"
17	118 1/8-1/4	112 5/8	77 1/2 a	12	"
18	118 7/8-19	113 3/4	77 3/8	12 1/16	"
19	117 7/8-18	113 1/8 a	77	12	"
20	119 3/4-7/8	114 3/4 b	77 1/2 b	12	"
Sunday					
22	118 1/4-3/8	113	77 1/2	11 11/16	"
23	116 3/4-7/8	112 3/8 b	77 3/4	11 1/4	"
24	115 1/4-3/8	111	76 3/4	11 1/8	"
Holiday					
26	115 1/8-1/4	110 1/2	Holiday	11	"
27	116 1/8	110 7/8	77	11	"
Sunday					
29	117 1/4-3/8	112 1/2	77 3/8 a	10 5/8	"
30	118 1/4-3/8	113 3/8 b	78 3/8	10 3/4	"
31	119-19 1/8	113 7/8	78 1/2 b	10 5/8	"

1/ Quotations converted into U. S. currency.

2/ Basis for converting closing prices on foreign markets into United States value.

Note: Canadian currency quotations furnished by a large Chicago bank.

Date		Time		Location		Remarks	
1	10/1/1917	10:00	10:15	10:30	10:45	11:00	11:15
2	10/2/1917	10:00	10:15	10:30	10:45	11:00	11:15
3	10/3/1917	10:00	10:15	10:30	10:45	11:00	11:15
4	10/4/1917	10:00	10:15	10:30	10:45	11:00	11:15
5	10/5/1917	10:00	10:15	10:30	10:45	11:00	11:15
6	10/6/1917	10:00	10:15	10:30	10:45	11:00	11:15
7	10/7/1917	10:00	10:15	10:30	10:45	11:00	11:15
8	10/8/1917	10:00	10:15	10:30	10:45	11:00	11:15
9	10/9/1917	10:00	10:15	10:30	10:45	11:00	11:15
10	10/10/1917	10:00	10:15	10:30	10:45	11:00	11:15
11	10/11/1917	10:00	10:15	10:30	10:45	11:00	11:15
12	10/12/1917	10:00	10:15	10:30	10:45	11:00	11:15
13	10/13/1917	10:00	10:15	10:30	10:45	11:00	11:15
14	10/14/1917	10:00	10:15	10:30	10:45	11:00	11:15
15	10/15/1917	10:00	10:15	10:30	10:45	11:00	11:15
16	10/16/1917	10:00	10:15	10:30	10:45	11:00	11:15
17	10/17/1917	10:00	10:15	10:30	10:45	11:00	11:15
18	10/18/1917	10:00	10:15	10:30	10:45	11:00	11:15
19	10/19/1917	10:00	10:15	10:30	10:45	11:00	11:15
20	10/20/1917	10:00	10:15	10:30	10:45	11:00	11:15
21	10/21/1917	10:00	10:15	10:30	10:45	11:00	11:15
22	10/22/1917	10:00	10:15	10:30	10:45	11:00	11:15
23	10/23/1917	10:00	10:15	10:30	10:45	11:00	11:15
24	10/24/1917	10:00	10:15	10:30	10:45	11:00	11:15
25	10/25/1917	10:00	10:15	10:30	10:45	11:00	11:15
26	10/26/1917	10:00	10:15	10:30	10:45	11:00	11:15
27	10/27/1917	10:00	10:15	10:30	10:45	11:00	11:15
28	10/28/1917	10:00	10:15	10:30	10:45	11:00	11:15
29	10/29/1917	10:00	10:15	10:30	10:45	11:00	11:15
30	10/30/1917	10:00	10:15	10:30	10:45	11:00	11:15
31	10/31/1917	10:00	10:15	10:30	10:45	11:00	11:15

The above is a list of the names of the persons who have been
 named in the above list of names. The names are given in the
 order in which they appear in the list of names. The names are
 given in the order in which they appear in the list of names.

Table 18. OATS: High, low and closing prices, three principal futures, Chicago Board of Trade, December 1947

Date	1948 May future			1948 July future			1948 September future		
	: High	: Low	: Closing	: High	: Low	: Closing	: High	: Low	: Closing
	: Cents	: Cents	: Cents	: Cents	: Cents	: Cents	: Cents	: Cents	: Cents
1947									
December:									
1	117 3/4	115 7/8	116 3/4-7/8	102	99 3/4	101-01 1/8	92 3/4	90 1/2	92 a
2	116 1/2	114 1/2	115 1/4-3/8	100 7/8	99 1/8	100 1/4-3/8	91 7/8	90 1/4	91 1/2
3	117 1/4	114 3/8	117 1/8-1/4	102 1/8	99 3/8	101 7/8-02 1/8	93	90 1/2	93
4	117 3/4	116 1/2	116 1/2-5/8	102 1/4	100 3/4	100 7/8-01	93	91 3/4	91 7/8
5	117 1/2	112 1/4	112 1/4-3/4	101 5/8	97 1/2	97 1/2-3/4	92 1/2	89	89
6	114 1/8	112 3/8	113-13 1/4	98 3/4	97 3/8	98 1/8-1/4	90 1/2	89	89 3/4
Sunday:									
8	114 5/8	112 1/2	114 1/2-5/8	99 7/8	97 5/8	99 3/4-7/8	91 5/8	89 1/4	91 5/8
9	116 1/4	114 1/2	115 3/4-7/8	100 7/8	99 1/8	100 1/4-3/8	92 1/2	90 7/8	91 7/8-92
10	117	116	116 3/4-7/8	101 1/2	100 5/8	101 1/8-1/4	93	92 3/8	92 3/4-7/8
11	117	115 1/8	115 5/8-7/8	101 1/2	99 1/2	99 7/8-100	93	91 1/4	91 1/4-1/2
12	115 3/4	114 1/2	115-15 1/8	100 1/2	98 7/8	100 1/4-3/8	92 3/8	90 3/4	92 1/4
13	115 3/4	114 1/2	115 1/2-5/8	100 7/8	99 3/4	100 5/8-3/4	92 5/8	91 7/8	92 1/2
Sunday:									
15	116 7/8	115 7/8	116-16 1/8	101 1/2	100 3/8	100 3/8-1/2	93 3/8	92 3/8	92 3/8-1/2
16	117 3/4	115 7/8	117 3/8-1/2	102	100 3/8	101 5/8-3/4	93 3/4	92 3/8	93 1/2
17	118 1/4	116 3/8	118 1/8-1/4	102 3/8	101 1/8	102 3/8	94	92 7/8	94
18	119 1/8	118	118 7/8-19	103 5/8	102 3/8	103 1/8-1/4	94 3/4	94	94 1/2
19	118 1/4	116 1/4	117 7/8-18	102 5/8	101 1/8	102 1/2	94	92 3/4	93 3/4
20	119 7/8	118 1/4	119 3/4-7/8	104 1/4	102 5/8	104 1/8-1/4	95 1/2	94	95 1/4
Sunday:									
22	119 5/8	117 3/4	118 1/4-3/8	104	102 1/2	102 7/8-03	95 1/4	93 5/8	94 1/4
23	118 3/4	116 3/4	116 3/4-7/8	104	102 3/4	102 3/4-7/8	95 1/2	94	94 3/8
24	117	115 1/4	115 1/4-3/8	103	100 1/2	100 3/4	94 5/8	92 1/8	92 1/8
Holiday:									
26	116	114 1/2	115 1/8-1/4	101 1/4	99 7/8	100 1/4-3/8	93	91 7/8	92 3/8
27	116 1/8	115	116 1/8	101 1/4	100 1/4	101 1/8-1/4	93 1/4	92 3/8	93 1/4
Sunday:									
29	117 1/2	115 1/2	117 1/4-3/8	102	100 3/8	101 3/4-7/8	94	92 1/8	93 3/4
30	118 3/8	117 1/4	118 1/4-3/8	102 5/8	101 5/8	102 3/8	94 1/4	93 1/2	93 1/2-5/8
31	119 1/4	118 1/4	119-19 1/8	102 3/4	101 7/8	102 1/2-5/8	93 7/8	93 1/8	93 3/8-1/2

Table 19. **BARLEY:** Volume of trading and open contracts, all futures combined
and daily closing prices of December future,
Chicago Board of Trade
December 1947

Date	Volume of Trading	Open Contracts	1947 December future
<u>1947</u> <u>December</u>	<u>1,000</u> <u>bushels</u>	<u>1,000</u> <u>bushels</u>	<u>Cents</u>
1	5	5	187
2	---	---	187 n
3	---	---	187 n
4	---	---	187 n
5	---	---	195 b
6	---	---	193 b
Sunday			
8	---	---	199 b
9	---	---	199 b
10	---	---	199 b
11	---	---	199 b
12	---	---	199 b
13	---	---	199 b
Sunday			
15	---	---	199 b
16	---	---	199 n
17	---	---	199 n
18	---	---	199 n
19	---	---	199 n
20	---	---	199 n
Sunday			
22	---	---	199 n
23	---	---	---
24	---	---	---
Holiday			
26	---	---	---
27	---	---	---
Sunday			
29	---	---	---
30	---	---	---
31	---	---	---
<hr/>			
Total			
December 1947	5		
November 1947	---		
December 1946	292		

Date		Description		Amount	
1911	Jan 1	Balance		100.00	
		Jan 10	Jan 10	100.00	
		Jan 20	Jan 20	100.00	
		Jan 30	Jan 30	100.00	
		Feb 10	Feb 10	100.00	
		Feb 20	Feb 20	100.00	
		Feb 30	Feb 30	100.00	
		Mar 10	Mar 10	100.00	
		Mar 20	Mar 20	100.00	
		Mar 30	Mar 30	100.00	
		Apr 10	Apr 10	100.00	
		Apr 20	Apr 20	100.00	
		Apr 30	Apr 30	100.00	
		May 10	May 10	100.00	
		May 20	May 20	100.00	
		May 30	May 30	100.00	
		Jun 10	Jun 10	100.00	
		Jun 20	Jun 20	100.00	
		Jun 30	Jun 30	100.00	
		Jul 10	Jul 10	100.00	
		Jul 20	Jul 20	100.00	
		Jul 30	Jul 30	100.00	
		Aug 10	Aug 10	100.00	
		Aug 20	Aug 20	100.00	
		Aug 30	Aug 30	100.00	
		Sep 10	Sep 10	100.00	
		Sep 20	Sep 20	100.00	
		Sep 30	Sep 30	100.00	
		Oct 10	Oct 10	100.00	
		Oct 20	Oct 20	100.00	
		Oct 30	Oct 30	100.00	
		Nov 10	Nov 10	100.00	
		Nov 20	Nov 20	100.00	
		Nov 30	Nov 30	100.00	
		Dec 10	Dec 10	100.00	
		Dec 20	Dec 20	100.00	
		Dec 30	Dec 30	100.00	
		Total		1200.00	

Table 20. SOYBEANS: Volume of trading, Chicago Board of Trade
December 1947

Date	Future			All futures
	March	May	July	
1947 December	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1	86	28	10	124
2	189	52	---	241
3	103	64	23	190
4	74	51	---	125
5	22	---	---	22
6	67	32	---	99
Sunday				
8	30	13	---	43
9	75	40	5	120
10	65	4	---	69
11	45	---	---	45
12	103	5	---	108
13	42	25	---	67
Sunday				
15	47	5	---	52
16	57	---	---	57
17	76	1	---	77
18	98	26	5	129
19	58	14	---	72
20	44	5	---	49
Sunday				
22	68	---	---	68
23	15	5	---	20
24	32	---	---	32
Holiday				
26	19	---	---	19
27	22	---	---	22
Sunday				
29	38	5	---	43
30	73	15	---	88
31	36	21	---	57
Total				
December 1947	1,584	411	43	2,038
November 1947	2,878	353	11	1/ 4,808
December 1946	---	---	---	---

1/Includes 1,566 November future.

Table 21. SOYBEANS: Open contracts, Chicago Board of Trade
December 1947

Date	Future			All
	March	May	July	futures
1947	1,000	1,000	1,000	1,000
<u>December</u>	<u>bushels</u>	<u>bushels</u>	<u>bushels</u>	<u>bushels</u>
1	2,307	260	21	2,588
2	2,265	272	21	2,558
3	2,279	278	44	2,601
4	2,258	309	44	2,611
5	2,260	309	44	2,613
6	2,239	303	44	2,586
Sunday				
8	2,209	304	44	2,557
9	2,177	324	44	2,545
10	2,182	325	44	2,551
11	2,165	325	44	2,534
12	2,134	330	44	2,508
13	2,109	345	44	2,498
Sunday				
15	2,106	345	44	2,495
16	2,101	345	44	2,490
17	2,087	346	44	2,477
18	2,053	345	44	2,442
19	2,052	351	44	2,447
20	2,049	346	44	2,439
Sunday				
22	2,070	346	44	2,460
23	2,057	341	44	2,442
24	2,063	341	44	2,448
Holiday				
26	2,052	341	44	2,437
27	2,052	341	44	2,437
Sunday				
29	2,057	341	44	2,442
30	2,009	351	44	2,404
31	2,013	347	44	2,404

Table 22. SOYBEANS: High, low and closing prices, Chicago Board of Trade, December 1947

Date	1948 March future			1948 May future			1948 July future		
	High	Low	Closing	High	Low	Closing	High	Low	Closing
1947	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
December:									
1	395	393	393	393 3/4	390 1/2 a	390 1/2 a	392 1/4	389 1/2 a	389 1/2 a
2	393	386	390	390	383 a	387	---	---	386 b
3	387 1/2	382	386	386 1/4	379 a	383	382	378 a	382
4	386	384	384	384	381	381	---	---	380 a
5	385	382 a	382 a	---	---	379 a	---	---	378 a
6	382 1/2	380	380	379	376	376	---	---	375 a
Sunday:									
8	381	380	380	377	376	377 a	---	---	375 b
9	386 1/2	384	385	384 1/2	382	383	378	378	378
10	388 1/2	387	388	---	---	385 1/2 b	---	---	381 b
11	393	388	389-90	---	---	386 b	---	---	383 a
12	389	384 1/2	385	386	381 1/2 a	381 1/2 a	---	---	380 1/2 a
13	385	384	385	381 1/2 b	379 a	381 1/2 b	---	---	378 a
Sunday:									
15	386	386	386	382	382	382	---	---	378 b
16	386	385 1/2 a	385 1/2 b	---	---	381 1/2 b	---	---	379 b
17	389	384	389	---	---	385 b	---	---	383 b
18	394	390	392	388	387 a	388	387	385 a	386 b
19	395	392	394	391	388	391	---	---	389 b
20	401	397	400 1/2	398	398	398	---	---	395 b
Sunday:									
22	401 b	395	400	---	---	397 a	---	---	396 a
23	398	398	398	395	395	395	---	---	394 a
24	397	395 1/2	396	---	---	392 1/2 a	---	---	391 1/2 a
Holiday:									
26	395	394 1/2	395	---	---	391 b	---	---	390 a
27	394 1/2	394	394 1/2	---	---	391 b	---	---	390 a
Sunday:									
29	398	393	397	394 b	389	394 b	---	---	392 b
30	400	398	400	396	395	396	---	---	393 b
31	405	403	404	400 b	396 1/2	399	---	---	397 b

[illegible]

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
---	---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

[illegible][illegible]

Table 23. ALL GRAINS: Volume of trading on all contract markets,
December 1947

Market	Wheat	Corn	Oats	Rye	Barley	Sorghums	Soybeans
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Chicago Bd.of Tr.	320,206	270,524	152,947	---	5	---	2,038
Chicago Open Bd.	14,637	10,582	1,776	---	---	---	---
Minneapolis	28,457	---	15,755	1,427	---	---	---
Kansas City	60,304	432	---	---	---	25	---
Duluth	---	---	---	---	---	---	---
St. Louis	---	---	---	---	---	---	---
Milwaukee	72	345	192	---	---	---	---
Seattle	295	---	---	---	---	---	---
Portland	---	---	---	---	---	---	---
San Francisco	---	---	---	---	---	---	---
Los Angeles	---	---	---	---	---	---	---
Total							
December 1947	423,971	281,883	170,670	1,427	5	25	2,038
November 1947	373,201	226,938	167,193	1,872	---	155	4,808
December 1946	106,260	190,329	288,786	---	292	245	---

THE HISTORY OF THE

1

THE HISTORY OF THE

THE HISTORY OF THE

THE HISTORY OF THE

THE HISTORY OF THE

THE HISTORY OF THE

THE HISTORY OF THE

THE HISTORY OF THE

THE HISTORY OF THE

THE HISTORY OF THE

THE HISTORY OF THE

THE HISTORY OF THE

THE HISTORY OF THE

THE HISTORY OF THE

THE HISTORY OF THE

THE HISTORY OF THE

THE HISTORY OF THE

THE HISTORY OF THE

THE HISTORY OF THE

THE HISTORY OF THE

THE HISTORY OF THE

THE HISTORY OF THE

THE HISTORY OF THE

THE HISTORY OF THE

Table 24. ALL GRAINS: Open contracts on all contract markets,
close of last trading day,
December 1947

Market	: : Wheat : :	: : Corn : :	: : Oats : :	: : Rye : :	: : Barley : :	: : Sorghums : :	: : Soybeans : :
	<u>1,000 bushels</u>	<u>1,000 bushels</u>	<u>1,000 bushels</u>	<u>1,000 bushels</u>	<u>1,000 bushels</u>	<u>1,000 bushels</u>	<u>1,000 bushels</u>
Chicago Bd.of Tr.	75,077	49,421	36,096	---	---	---	2,404
Chicago Open Bd.	707	517	341	---	---	---	---
Minneapolis	7,253	---	3,093	1,049	---	---	---
Kansas City	15,656	73	---	---	---	35	---
Duluth	---	---	---	---	---	---	---
St. Louis	---	---	---	---	---	---	---
Milwaukee	20	56	52	---	---	---	---
Seattle	220	---	---	---	---	---	---
Portland	---	---	---	---	---	---	---
San Francisco	---	---	---	---	---	---	---
Los Angeles	---	---	---	---	---	---	---
<hr/>							
Total							
December 1947	98,933	50,067	39,582	1,049	---	35	2,404
November 1947	120,804	57,297	50,188	1,174	5	60	2,572
December 1946	35,796	49,596	48,687	---	212	85	---

Table 25. 1947 November Future: Deliveries of grain on all contract markets 1/

Commodity and Market	: Initial Deliveries :	: Redeliveries :	: Total Deliveries :	: Notices passed :
	<u>1,000 bushels</u>	<u>1,000 bushels</u>	<u>1,000 bushels</u>	<u>1,000 bushels</u>
<u>SOYBEANS</u>				
Chicago Board of Trade	280	---	280	---
Chicago Open Board	---	---	---	---
Total, all markets	280	---	280	---

1/There were no contracts open in other grains for the 1947 November Future.

1900

[illegible]

• *For the purpose of this study, the authors used the following definitions:*

United States Department of Agriculture
COMMODITY EXCHANGE AUTHORITY
J. M. Mehl, Administrator

Field Offices

Markets Supervised

Chicago 4, Illinois

George Livingston, In charge
Room 1200, Board of Trade Building
141 West Jackson Boulevard

Chicago Board of Trade
Chicago Mercantile Exchange
Chicago Open Board of Trade
Los Angeles Grain Exchange
Milwaukee Grain Exchange
Portland Grain Exchange
San Francisco Grain Exchange
Seattle Grain Exchange

Kansas City 6, Missouri

L. E. Wolf, In charge
854 Board of Trade Building

Kansas City Board of Trade
Merchants' Exchange of St. Louis

Minneapolis 15, Minnesota

Joseph B. Withers, In charge
510 Grain Exchange Building

Duluth Board of Trade
Minneapolis Grain Exchange

New Orleans 12, Louisiana

W. D. Expy, In charge
Room 306, New Orleans Cotton
Exchange Building

Memphis Merchants' Exchange Clearing
Association
New Orleans Cotton Exchange

New York 4, New York

George H. Baston, In charge
Room 602, New York Cotton
Exchange Building

New York Cotton Exchange
New York Mercantile Exchange
New York Produce Exchange
Wool Associates of the New York
Cotton Exchanges, Inc.

13

[illegible]

1971-1972, 1973-1974, 1975-1976, 1977-1978, 1979-1980, 1981-1982, 1983-1984, 1985-1986, 1987-1988, 1989-1990, 1991-1992, 1993-1994, 1995-1996, 1997-1998, 1999-2000, 2001-2002, 2003-2004, 2005-2006, 2007-2008, 2009-2010, 2011-2012, 2013-2014, 2015-2016, 2017-2018, 2019-2020, 2021-2022, 2023-2024, 2025-2026, 2027-2028, 2029-2030, 2031-2032, 2033-2034, 2035-2036, 2037-2038, 2039-2040, 2041-2042, 2043-2044, 2045-2046, 2047-2048, 2049-2050, 2051-2052, 2053-2054, 2055-2056, 2057-2058, 2059-2060, 2061-2062, 2063-2064, 2065-2066, 2067-2068, 2069-2070, 2071-2072, 2073-2074, 2075-2076, 2077-2078, 2079-2080, 2081-2082, 2083-2084, 2085-2086, 2087-2088, 2089-2090, 2091-2092, 2093-2094, 2095-2096, 2097-2098, 2099-2100, 2101-2102, 2103-2104, 2105-2106, 2107-2108, 2109-2110, 2111-2112, 2113-2114, 2115-2116, 2117-2118, 2119-2120, 2121-2122, 2123-2124, 2125-2126, 2127-2128, 2129-2130, 2131-2132, 2133-2134, 2135-2136, 2137-2138, 2139-2140, 2141-2142, 2143-2144, 2145-2146, 2147-2148, 2149-2150, 2151-2152, 2153-2154, 2155-2156, 2157-2158, 2159-2160, 2161-2162, 2163-2164, 2165-2166, 2167-2168, 2169-2170, 2171-2172, 2173-2174, 2175-2176, 2177-2178, 2179-2180, 2181-2182, 2183-2184, 2185-2186, 2187-2188, 2189-2190, 2191-2192, 2193-2194, 2195-2196, 2197-2198, 2199-2200, 2201-2202, 2203-2204, 2205-2206, 2207-2208, 2209-2210, 2211-2212, 2213-2214, 2215-2216, 2217-2218, 2219-2220, 2221-2222, 2223-2224, 2225-2226, 2227-2228, 2229-2230, 2231-2232, 2233-2234, 2235-2236, 2237-2238, 2239-2240, 2241-2242, 2243-2244, 2245-2246, 2247-2248, 2249-2250, 2251-2252, 2253-2254, 2255-2256, 2257-2258, 2259-2260, 2261-2262, 2263-2264, 2265-2266, 2267-2268, 2269-2270, 2271-2272, 2273-2274, 2275-2276, 2277-2278, 2279-2280, 2281-2282, 2283-2284, 2285-2286, 2287-2288, 2289-2290, 2291-2292, 2293-2294, 2295-2296, 2297-2298, 2299-2300, 2301-2302, 2303-2304, 2305-2306, 2307-2308, 2309-2310, 2311-2312, 2313-2314, 2315-2316, 2317-2318, 2319-2320, 2321-2322, 2323-2324, 2325-2326, 2327-2328, 2329-2330, 2331-2332, 2333-2334, 2335-2336, 2337-2338, 2339-2340, 2341-2342, 2343-2344, 2345-2346, 2347-2348, 2349-2350, 2351-2352, 2353-2354, 2355-2356, 2357-2358, 2359-2360, 2361-2362, 2363-2364, 2365-2366, 2367-2368, 2369-2370, 2371-2372, 2373-2374, 2375-2376, 2377-2378, 2379-2380, 2381-2382, 2383-2384, 2385-2386, 2387-2388, 2389-2390, 2391-2392, 2393-2394, 2395-2396, 2397-2398, 2399-2400, 2401-2402, 2403-2404, 2405-2406, 2407-2408, 2409-2410, 2411-2412, 2413-2414, 2415-2416, 2417-2418, 2419-2420, 2421-2422, 2423-2424, 2425-2426, 2427-2428, 2429-2430, 2431-2432, 2433-2434, 2435-2436, 2437-2438, 2439-2440, 2441-2442, 2443-2444, 2445-2446, 2447-2448, 2449-2450, 2451-2452, 2453-2454, 2455-2456, 2457-2458, 2459-2460, 2461-2462, 2463-2464, 2465-2466, 2467-2468, 2469-2470, 2471-2472, 2473-2474, 2475-2476, 2477-2478, 2479-2480, 2481-2482, 2483-2484, 2485-2486, 2487-2488, 2489-2490, 2491-2492, 2493-2494, 2495-2496, 2497-2498, 2499-2500, 2501-2502, 2503-2504, 2505-2506, 2507-2508, 2509-2510, 2511-2512, 2513-2514, 2515-2516, 2517-2518, 2519-2520, 2521-2522, 2523-2524, 2525-2526, 2527-2528, 2529-2530, 2531-2532, 2533-2534, 2535-2536, 2537-2538, 2539-2540, 2541-2542, 2543-2544, 2545-2546, 2547-2548, 2549-2550, 2551-2552, 2553-2554, 2555-2556, 2557-2558, 2559-2560, 2561-2562, 2563-2564, 2565-2566, 2567-2568, 2569-2570, 2571-2572, 2573-2574, 2575-2576, 2577-2578, 2579-2580, 2581-2582, 2583-2584, 2585-2586, 2587-2588, 2589-2590, 2591-2592, 2593-2594, 2595-2596, 2597-2598, 2599-2600, 2601-2602, 2603-2604, 2605-2606, 2607-2608, 2609-2610, 2611-2612, 2613-2614, 2615-2616, 2617-2618, 2619-2620, 2621-2622, 2623-2624, 2625-2626, 2627-2628, 2629-2630, 2631-2632, 2633-2634, 2635-2636, 2637-2638, 2639-2640, 2641-2642, 2643-2644, 2645-2646, 2647-2648, 2649-2650, 2651-2652, 2653-2654, 2655-2656, 2657-2658, 2659-2660, 2661-2662, 2663-2664, 2665-2666, 2667-2668, 2669-2670, 2671-2672, 2673-2674, 2675-2676, 2677-2678, 2679-2680, 2681-2682, 2683-2684, 2685-2686, 2687-2688, 2689-2690, 2691-2692, 2693-2694, 2695-2696, 2697-2698, 2699-2700, 2701-2702, 2703-2704, 2705-2706, 2707-2708, 2709-2710, 2711-2712, 2713-2714, 27

[illegible]

The following is a list of the names of the persons who have been appointed to the various positions in the various departments of the Government of the State of New York, for the year 1900:

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (a), 10⁷ cells/ml (b), 10⁸ cells/ml (c), and 10⁹ cells/ml (d). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (a), 10⁷ cells/ml (b), 10⁸ cells/ml (c), and 10⁹ cells/ml (d). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (a), 10⁷ cells/ml (b), 10⁸ cells/ml (c), and 10⁹ cells/ml (d). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (a), 10⁷ cells/ml (b), 10⁸ cells/ml (c), and 10⁹ cells/ml (d).

[illegible]

the β phase of the polymer. The β phase is the most important phase in the polymer, as it is the phase that is most responsible for the mechanical properties of the polymer. The β phase is the phase that is most responsible for the mechanical properties of the polymer. The β phase is the phase that is most responsible for the mechanical properties of the polymer.

[illegible][illegible]